

12 pts possible. Closed book. Closed notes.

1. (1 pt each) Let `r = "BTW"` and `s = "python rocks"`. What would be printed by the following statements?

- a. `print(s[2:6])` `thon`
- b. `print(r+s)` `BTWpython rocks`
- c. `print(r*3)` `BTWBTWBTW`
- d. `print(s[7:])` `rocks`
- e. `print(r < s)` `True`
- f. `print(find(r,s))` `should be print(r.find(s)) → -1.`

2. (2 pt.) What would be printed by the following code segment?

```
fruit = ["banana", "apple", "cherry"]
print(fruit)
fruit[0] = "pear"
fruit[-1] = "orange"
print(fruit)
```

`["banana", "apple", "cherry"]`

`["pear", "apple", "orange"]`

3. (1 pt each) Let `qlist = ["python", "c++", "java", "R"]`. What would be printed by the following statements?

- a. `print(len(qlist))` `4`
- b. `print("java" in qlist)` `True`
- c. `print([qlist]*2)` `[["python", "c++", "java", "R"], ["python", "c++", "java", "R"]]`
- d. `print(qlist[len(qlist)])` `Error`